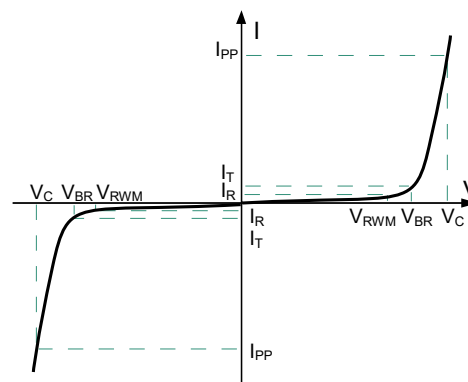


ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise noted)

Symbol	Parameter
I_{PP}	Maximum Reverse Peak Pulse Current
V_C	Clamping Voltage @ I_{PP}
V_{RWM}	Working Peak Reverse Voltage
I_R	Maximum Reverse Leakage Current @ V_{RWM}
V_{BR}	Breakdown Voltage @ I_T
I_T	Test Current
C	Capacitance @ $V_R=0$ and $f=1\text{MHz}$



Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	V_{RWM}				5	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 1\text{mA}$	5.8		8.8	V
Reverse Leakage Current	I_R	$V_{RWM}=5\text{V}$			1	μA
Reverse Leakage Current	I_R	$V_{RWM}=3.6\text{V}$, $T_A=50^\circ\text{C}$			10	nA
Clamping Voltage	V_C	$I_{PP}=5\text{A}$, $t_p=8/20\mu\text{s}$			9.5	V
Clamping Voltage	V_C	$I_{PP}=12\text{A}$, $t_p=8/20\mu\text{s}$			13	V
Junction Capacitance	C_J	$V_R = 0\text{V}$, $f = 1\text{MHz}$		27		pF

Curve Characteristics

Fig. 1 - 8 X 20 μ s Pulse Waveform

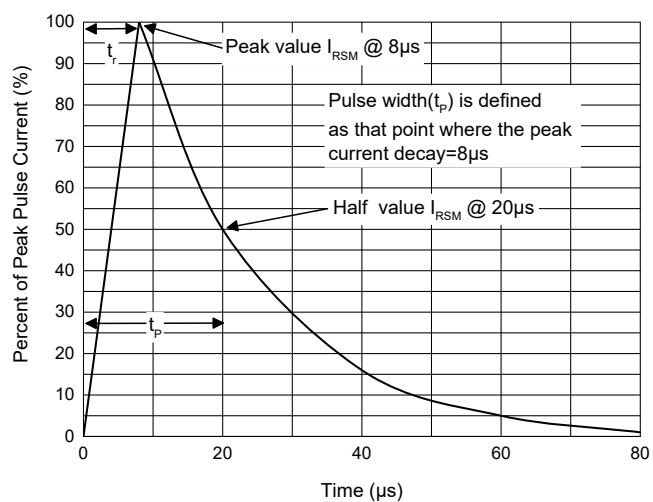
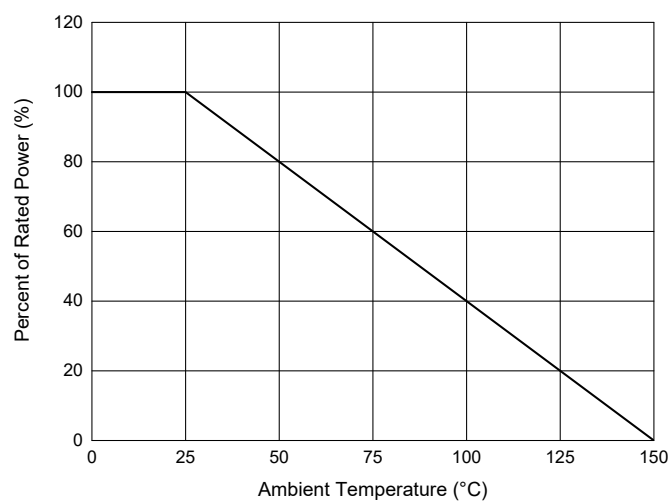


Fig. 3 - Pulse Derating Curve



Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 8Kpcs/Reel

Note : Adding "-HF" Suffix for Halogen Free, eg. Part Number-TP-HF

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